

CLAIMS

What is claimed is:

1. A refrigerator comprising: a compressor; a condenser; a condenser fan;
an outdoor temperature sensor; and a control unit for determining whether the
compressor is operated or not based on operation load of the refrigerator if the outdoor
temperature sensor is out of order and controlling the condenser fan in connection with
operation of the compressor.
2. The refrigerator as set forth in claim 1, further comprising at least one built-in
temperature sensor for detecting temperature of a freezing chamber and/or a
refrigerating chamber, wherein the control unit calculates the operation load of the
refrigerator based on the temperature of the freezing chamber and/or the refrigerating
chamber detected by the at least one built-in temperature sensor.
3. The refrigerator as set forth in claim 1, wherein the outdoor temperature
sensor includes a negative temperature characteristic thermistor and resistors.
4. A method for controlling a refrigerator, comprising:
supplying a power;
diagnosing disorder of an outdoor temperature sensor;
determining whether a compressor is operated or not based on operation load of
the refrigerator if the outdoor temperature sensor is out of order; and
controlling a condenser fan in connection with operation of the compressor.
5. The method as set forth in claim 1, wherein a voltage of the outdoor
temperature sensor is compared to a reference voltage, and the disorder of the outdoor

temperature sensor is diagnosed based on a result of the comparison.